



Features and Benefits

- + Utilizes disposable fluid path valve technology which eliminates cross-contamination and minimizes clean-up and downtime during product changeover.
- + This system's fluid path can be capped and remain attached to the material cartridge for storage & quick material change over
- + Dispensing valve features adjustable suck-back for a clean dispense of stringy and tacky materials
- + System features an on-board material reservoir pressure regulator to control the reservoir pressure used for filling
- + An adjustable pneumatic stop assures accurate fills.
- + Foot switch for hands-free fill cycle activation
- + Smooth, easy-to-clean surface
- + System fills 1-60 mL syringes with pre-inserted pistons; tooling nozzles are available for both Luer-Lock and Oral tips

Model 1050 Syringe Filling System

with Disposable Fluid Path Technology

The Tridak® Model 1050 syringe filling system is designed to fill syringes, one at a time, quickly and accurately from a material reservoir. The system is manually loaded and unloaded, making it ideal for low-volume production or as an alternative to filling syringes manually. It utilizes a Model 830 disposable fluid path valve to make material changeover fast and easy while minimizing cross-contamination. This valve also features adjustable suck-back for accurate, clean cut-off for stringy or tacky materials. The disposable fluid path can be fitted with a series of adapters to fill Luer-Lock and Oral tip syringe types. The Model 1050 is recommended for use with fluids having a viscosity between 1-60,000 cP and can be paired with a number of different material reservoirs to accommodate different material package sizes.



SPECIFICATIONS	
Operating Air Pressure	60 psi (4.1 bar) min / 100 psi (6.9 bar) max
Dimensions* (L x W x H)	23.6 in x 12 in x 25 in (60 cm x 30.48 cm x 63.50 cm)
Viscosity Range	1 - 60,000 cP

Available System Packages

All systems include the Model 1050 filling system outfitted with a Model 830 dispensing valve and an air regulator, a fluid-line kit made of 3/8" OD, 1/4" ID black polyethylene tubing, a footswitch, a selected reservoir, and an air-line kit.

SELECT SYSTEM BASED ON FLUID PACKAGE USED				
No Reservoir	Modified Reservoir Options		Large Bottle Drop-In	Pail Drop-In
	550 mL [20 oz]	946 mL [32 oz]	Up to 1 Gallon	Up to 5 Gallon [15 Liter]
				
T18166	T18167	T18165	T18289	T18290

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Please note that most filling system applications are unique. Tridak does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in Tridak's standard Conditions of Sale published on our website. Tridak recommends that any intended application be evaluated and tested by the user to ensure that desired performance criteria are satisfied. Tridak is willing to assist users in their performance testing and evaluation. Data sheets are available for pressure pots upon request.

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